

Use the plus sign (+) inside this box ☒

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of info unless it contains a valid OMB control no.

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

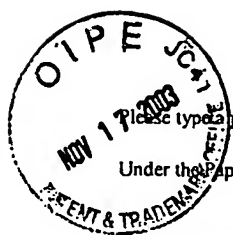
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Page 1 of 4		Complete if Known	
		Application Number	10/627,195
		Filing Date	July 25, 2003
		First Named Inventor	William D. Ehringer
		Group Art Unit	
		Examiner Name	
		Attorney Docket Number	09799910-0038
OTHER ITEMS – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	CiteNo.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
lu	C1	Ainscow, E.K., and Brand, M.D. (1999) Top-down control analysis of ATP turnover, glycolysis and oxidative phosphorylation in rat hepatocytes. <i>Eur. J. Biochem.</i> 263:671-685.	
	C2	Arakawa A, Ishiguro S, Ohki K, Tamai M. (1998) Preparation of liposome-encapsulating adenosine triphosphate. <i>Tohoku J Exp Med</i> 184:39-47.	
	C3	Brand, M.D. (1995). Measurement of mitochondrial proton motive force. <i>In Bioenergetics, a Practical Approach / Brown, G.C., and Cooper, C.E., eds. Oxford University Press, Oxford.</i> 39-62.	
	C4	Buck, L.T. and P.W. Hochachka, "Anoxic suppression of Na ⁺ -K ⁺ -ATPase and constant membrane potential in hepatocytes: support for channel arrest," <i>Am. J. Physiol.</i> 265 <i>Regulatory Integrative Comp. Physiol.</i> 34:R1020-1025 (1993).	
	C5	Chien, S., "Metabolic Management" in <i>Organ Procurement and Preservation for Transplantation</i> , 2 nd ed., Ch. 6, pp. 84-109, Springer, Landes Bioscience, Austin, TX (1997).	
	C6	Connery, C., G. Hicks, and T. Wang, "Positive Correlation of Functional Recovery and Tissue ATP Levels in the Hypothermically Stored Cardiac Explant," <i>Surgical Forum</i> , 41:282-284 (1990).	
	C7	Eckert, D. and P. Kim, "Mechanisms of Viral Membrane Fusion and Its Inhibition," <i>Annu. Rev. Biochem.</i> , 70:777-810 (2001).	
	C8	Ehringer, W., D. Belcher, S. Wassall, and W. Stillwell, "A comparison of the effects of linolenic (18:3Ω3) and docosahexaenoic (22:6Ω3) acids on phospholipid bilayers," <i>Chem. Phys. Lipids</i> , 54:79-88 (1990).	
lu	C9	Ehringer, W., D. Belcher, S. Wassall, and W. Stillwell, "A comparison of α-linolenic acid (18:3Ω3) and γ-linolenic acid (18:3Ω6) in phosphatidylcholine bilayers," <i>Chem. Phys. Lipids</i> , 57:87-96 (1991).	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of info unless it contains a valid OMB control no.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/627,195
		Filing Date	July 25, 2003
		First Named Inventor	William D. Ehringer
		Group Art Unit	
		Examiner Name	
(use as many sheets as necessary)		Attorney Docket Number	09799910-0038
Page 2 of 4			
OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	CiteNo.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
lw	C10	Fedelšová, M., A. Ziegelhöffer, E-G. Krause, and A. Wallenberger, "Effect of Exogenous Adenosine Triphosphate on the Metabolic State of the Excised Hypothermic Dog Heart," <i>Circulation Res.</i> , 24:617-627 (1969).	
	C11	Fraley, R., R. Straubinger, G. Rule, E.L. Springer, and D. Papahadjopoulos, "Liposome-Mediated Delivery of Deoxyribonucleic Acid to Cells: Enhanced Efficiency of Delivery Related to Lipid Composition and Incubation Conditions," <i>Biochem.</i> , 20:6978-6987 (1981).	
	C12	Fremes, S., J. Zhang, R. Furukawa, D. Mickle, <i>et al.</i> , "Adenosine Pretreatment for Prolonged Cardiac Storage," in <i>J. Thorac. Cardiovas. Surg.</i> , 110(2):293-301 (1995).	
	C13	Garrett, F., S. Goel, J. Yasul, and R. Koch, "Liposomes fuse with sperm cells and induce activation by delivery of impermeant agents," <i>Biochim. Et Biophys. Acta</i> , 1417:77-88 (1999).	
	C14	Guo-Xing, X., X. Xing-Hui, L. Fang-Yu, Z. DeLiang, <i>et al.</i> , "Adenosine Triphosphate Liposomes: Encapsulation and Distribution Studies," <i>Pharmaceut. Res.</i> , 7(5):553-557 (1990).	
	C15	Hirasawa, H., K. Soeda, Y. Ohtake, S. Oda, <i>et al.</i> , "Effects of ATP-MgCl ₂ and ATP-Na ₂ Administration on Renal Function and Cellular Metabolism Following Renal Ischemia," <i>Circulatory Shock</i> , 16:337-346 (1985).	
	C16	Hochachka, P.W. and P.L. Lutz, "Mechanism, origin, and evolution of anoxia tolerance in animals," <i>Comp. Biochem. Phys.</i> , Part B, 130:435-459 (2001).	
	C17	Jahn, R. and T.C. Südhof, "Membrane fusion and exocytosis," <i>Annu. Rev. Biochem.</i> 68:863-911.	
	C18	Katori, M. and R. Berne, "Release of Adenosine from Anoxic Hearts. Relationship to Coronary Flow," <i>Circulation Res.</i> , 19:420-425 (1966).	
	C19	Klein, H., J. Schaper, St. Puschmann, Ch. Nienaber, <i>et al.</i> , "Loss of canine myocardial nicotinamide adenine dinucleotides determines the transition from reversible to irreversible ischemic damage of myocardial cells," <i>Basic Res. Cardiol.</i> , 76:612-621 (1981).	
lsu	C20	Kozubek, A., J. Gubernator, E. Przeworska, and M. Stasiuk, "Liposomal drug delivery, a novel approach: PLARosomes," <i>Acta Biochim. Pol.</i> , 47(3):639-649 (2000).	



Please type a plus sign (+) inside this box ☐

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of info unless it contains a valid OMB control no.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/627,195
		Filing Date	July 25, 2003
		First Named Inventor	William D. Ehringer
		Group Art Unit	
		Examiner Name	
Page 3 of 4		Attorney Docket Number	09799910-0038
OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	CiteNo.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
LSU	C21	Kristensen, S., "Mechanisms of cell damage and enzyme release," <i>Danish Med. Bull.</i> , 41(4):423-433 (1994).	
	C22	McAllister, Jr., H., "Histologic Grading of Cardiac Allograft Rejection: A Quantitative Approach," <i>J. Heart Transplant</i> , 9(3):277-282 (1990).	
	C23	Pagano, R. and J. Weinstein, "Interactions of Liposomes with Mammalian Cells," <i>Ann. Rev. Biophys. Bioeng.</i> , 7:435-468 (1978).	
	C24	Palombo, J., J. Bowers, M. Clouse, A. McCullough, <i>et al.</i> , "Hepatic utilization of exogenous nucleotide precursors for restoration of ATP after cold ischemia in rats," <i>Amer. J. Clin. Nutr.</i> , 57:420-427 (1993).	
	C25	Pearson, M. and G. Rohrmann, "Transfer, Incorporation, and Substitution of Envelope Fusion Proteins among Members of the <i>Baculoviridae</i> , <i>Orthomyxoviridae</i> , and <i>Metaviridae</i> (Insect Retrovirus) Families," <i>J. Virology</i> , 76(11):5301-5304 (2002).	
	C26	Puisieux, F, E. Fattal, M. Lahiani, J. Auger, P. Jouannet, P. Couvreur, and J. Delattre, "Liposomes, an interesting tool to deliver a bioenergetic substrate (ATP) in vitro and in vivo studies," <i>J Drug Target</i> 2:443-448 (1994).	
	C27	Reimer, K., R. Jennings, and M. Hill, "Total Ischemia in Dog Hearts, in Vitro," <i>in</i> "High Energy Phosphate Depletion and Associated Defects in Energy Metabolism, Cell Volume Regulation, and Sarcolemmal Integrity," <i>Circ. Res.</i> , 49:901-911 (1981).	
	C28	Schiffelers, R., G. Storm, and I. Bakker-Woudenberg, "Liposome-encapsulated aminoglycosides in pre-clinical and clinical studies," <i>J. Antimicrob. Chemotherap.</i> , 48:333-344 (2001).	
	C29	Siegel, N., W. Glazier, I. Chaudry, K. Gaudio, <i>et al.</i> , "Enhanced recovery from acute renal failure by the postischemic infusion of adenine nucleotides and magnesium chloride in rats," <i>Kidney Int'l</i> , 17:338-349 (1980).	
LSU	C30	Stringham, J. Southard, G. Anderson, and F. Belzer, "Mechanisms of ATP Depletion in the Cold-Stored Heart," <i>Transplantation Proc.</i> , 23(5):2437-2438 (1991).	



Please type a plus sign (+) inside this box ☐

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of info unless it contains a valid OMB control no.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Page 4 of 4		Complete if Known	
		Application Number	10/627,195
		Filing Date	July 25, 2003
		First Named Inventor	William D. Ehringer
		Group Art Unit	
		Examiner Name	
		Attorney Docket Number	09799910-0038
OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	CiteNo.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
LSH	C31	Trigante, G. and W. Huestis, "Selective virus-mediated intracellular delivery of membrane-impermeant compounds by means of plasma membrane vesicles," <i>Antiviral Res.</i> , 45:211-221 (2000).	
LSH	C32	Whitman, G., R. Kieval, L. Wetstein, S. Seeholzer, <i>et al.</i> , "The Relationship between Global Myocardial Ischemia, Left Ventricular Function, Myocardial, Redox State, and High Energy Phosphate Profile. A Phosphorous-31 Nuclear Magnetic Resonance Study," <i>J. Surg. Res.</i> , 35:332-339 (1983).	
LSH	C33	Venkatachalam, M., J. Kriesberg, J. Stein, M. Lifschitz, "Salvage of Ischemic Cells by Impermeant Solute and Adenosinetriphosphate," <i>Lab. Investig.</i> , 49(1):1-3 (1983).	

Examiner Signature	<i>K. Shu</i>	Date Considered	2/05
-----------------------	---------------	--------------------	------